

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|--------|---|---|------------------|---------|---------------------|
| S1    | 2      | "20040184795"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/30<br>08:27 |
| S2    | 2      | "20020075395"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/30<br>08:33 |
| S3    | 6      | "5296970"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/30<br>08:35 |
| S4    | 4      | "6731339"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/30<br>08:43 |
| S5    | 21     | ((HIROTO) near2<br>(OKAWARA)).INV.  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/04/30<br>11:08 |
| S6    | 95     | ((HIROTO) near2<br>(OKAWARA)).INV.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/17<br>14:02 |
| S7    | 21     | S5 AND focus  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/04/30<br>11:08 |
| S8    | 17     | S5 AND focus WITH ring  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/04/30<br>11:09 |
| S9    | 2      | S5 AND rotary WITH ring   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/04/30<br>14:11 |
| S10   | 157492 | (rotat\$4 OR twist\$4 OR revolv<br>\$4 OR rotary) NEAR2 (ring OR<br>knob OR dial) | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/04/30<br>14:13 |
| S11   | 702498 | camera  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/30<br>14:13 |

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| S12 | 13618 | (rotat\$4 OR twist\$4 OR revolv\$4 OR rotary) NEAR2 (ring OR knob OR dial) AND S11                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/30<br>14:13 |
| S13 | 1158  | (rotat\$4 OR twist\$4 OR revolv\$4 OR rotary) NEAR2 (ring OR knob OR dial) WITH focus AND S11             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/30<br>14:16 |
| S14 | 47    | (rotat\$4 OR twist\$4 OR revolv\$4 OR rotary) NEAR2 (ring OR knob OR dial) WITH linear WITH focus AND S11 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/30<br>14:17 |
| S15 | 1     | (rotary) ADJ (ring OR knob OR dial) WITH linear WITH focus AND S11  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/30<br>14:17 |
| S16 | 29    | (rotary) ADJ (ring OR knob OR dial) WITH focus AND S11  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/30<br>14:17 |
| S17 | 203   | (348/347).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/01<br>07:24 |
| S18 | 117   | (348/208.11,208.12).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/01<br>07:25 |
| S19 | 608   | (348/345).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/01<br>07:25 |
| S20 | 198   | (S17 OR S18 OR S19) and ring  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/17<br>13:59 |

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| S21 | 8  | (S17 OR S18 OR S19) and rotary NEAR2 ring  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/01<br>15:37 |
| S22 | 6  | ("4972215"   "5422694"   "5450161").PN. OR ("5832318").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/05/01<br>09:27 |
| S23 | 4  | depth NEAR2 of NEAR2 focus   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/01<br>09:12 |
| S24 | 0  | focus NEAR2 correction<br>NEAR2 pixel NEAR2 density  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/01<br>09:15 |
| S25 | 1  | focus NEAR2 correction SAME<br>pixel NEAR2 density   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/01<br>10:56 |
| S26 | 4  | "6906751"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/01<br>10:56 |
| S27 | 10 | ("5031049"   "5363137"   "5422671"   "5541654"   "5619264"   "5668597"   "6088060"   "6094223"   "6124888"   "6452632").PN. OR ("6906751").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/05/01<br>12:32 |
| S28 | 1  | "20020041334" AND focus<br>SAME (exposure OR shutter)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/05/01<br>12:33 |
| S29 | 1  | "20020041334" AND focus  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/05/01<br>13:08 |
| S30 | 2  | "20040161257"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/01<br>14:34 |

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| S31 | 32     | rotary NEAR2 ring WITH focus AND camera   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/01<br>15:38 |
| S32 | 702767 | camera  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/01<br>15:38 |
| S33 | 32     | rotary NEAR2 ring WITH focus AND S32  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/01<br>15:38 |
| S34 | 4      | ("5315340" OR "5832318" OR "5771410" OR "5648836" OR "5832318").PN. AND (depth OR portrait OR landscape)                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>12:21 |
| S35 | 248    | (rotary Adj ring) AND (depth OR portrait OR landscape)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>16:39 |
| S36 | 3      | (rotary Adj ring) WITH focus AND (depth OR portrait OR landscape)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>12:07 |
| S37 | 4      | ("5315340" OR "5832318" OR "5771410" OR "5648836" OR "5832318").PN. AND (depth OR portrait OR landscape) AND (camera)                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>12:22 |
| S38 | 3      | ("5315340" OR "5832318" OR "5771410" OR "5648836" OR "5832318").PN. AND (depth OR portrait OR landscape) AND (camera) AND memory              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>12:36 |
| S39 | 3      | ("5315340" OR "5832318" OR "5771410" OR "5648836" OR "5832318").PN. AND (depth OR portrait OR landscape) AND (camera) AND memory AND focus\$4 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>12:41 |

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| S40 | 3    | ("5315340" OR "5832318" OR "5771410" OR "5648836" OR "5832318").PN. AND (depth OR portrait OR landscape) AND (camera) AND memory AND focus\$4 AND MF | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>14:14 |
| S41 | 912  | (shutter OR accumalat\$3 OR integrat\$3) NEAR2 time WITH focus   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>14:17 |
| S42 | 130  | (shutter OR accumalat\$3 OR integrat\$3) NEAR2 time NEAR3 focus  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>14:16 |
| S43 | 52   | (shutter OR accumalat\$3 OR integrat\$3) ADJ time NEAR3 focus  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>14:16 |
| S44 | 401  | (shutter OR accumalat\$3 OR integrat\$3 OR exposure) ADJ time NEAR3 focus  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>14:17 |
| S45 | 2320 | (shutter OR accumalat\$3 OR integrat\$3 OR exposure) NEAR2 time WITH focus   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>14:17 |
| S46 | 349  | (exposure) ADJ time NEAR3 focus  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>14:50 |
| S47 | 5    | (exposure) ADJ time NEAR3 focus WITH advantage   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>14:17 |
| S48 | 14   | (exposure) ADJ time NEAR3 focus WITH (advantage Or increase)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/02<br>14:17 |

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| S49 | 16    | 348/362-364  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/12/17<br>14:02 |
| S50 | 3     | phone WITH camera WITH<br>lens WITH (switch OR<br>change) NEAR2 mode | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/02<br>15:38 |
| S51 | 34    | (rotary Adj ring) NEAR3<br>magnetic                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/02<br>16:41 |
| S52 | 1     | (rotary Adj ring) NEAR3<br>magnetic AND camera                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/02<br>16:40 |
| S53 | 3     | (rotary Adj ring) NEAR3<br>magnetic NEAR2 sensor                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/02<br>16:41 |
| S54 | 5     | "5278601"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/02<br>17:39 |
| S55 | 4     | ("4864344").PN. OR<br>("5278601").URPN.                              | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2007/05/02<br>17:44 |
| S56 | 8     | "5648836"  | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2007/05/02<br>17:46 |
| S57 | 24    | "5359370"  | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2007/05/02<br>17:46 |
| S58 | 10    | "5159370"  | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2007/05/02<br>17:46 |
| S59 | 20707 | depth NEAR3 focus  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/12/14<br>11:17 |

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| S60 | 2   | depth NEAR3 focus WITH fine NEAR2 mode   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON  | 2007/12/14<br>11:08 |
| S61 | 45  | (396/131).CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/12/14<br>11:24 |
| S62 | 3   | S61 AND depth NEAR3 focus  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON  | 2007/12/14<br>11:24 |
| S63 | 561 | (396/79-83).CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/12/14<br>11:24 |
| S64 | 43  | S63 AND depth NEAR3 focus  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON  | 2007/12/14<br>11:24 |
| S65 | 43  | S63 AND depth NEAR3 focus AND focus  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON  | 2007/12/14<br>12:20 |
| S66 | 23  | S63 AND depth NEAR3 focus AND focus AND second NEAR3 (drive OR control OR motor OR unit) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON  | 2007/12/14<br>12:20 |
| S67 | 6   | ("5117137"   "5126896"   "5298933"   "5594311").PN.<br>OR ("6055378").URPN.              | US-PGPUB;<br>USPAT; USOCR   | WITH | ON  | 2007/12/14<br>12:39 |
| S68 | 3   | ("4473743"   "6040677"   "6055378").PN. OR<br>("6603929").URPN.                          | US-PGPUB;<br>USPAT; USOCR   | WITH | ON  | 2007/12/14<br>12:50 |
| S69 | 208 | (348/347).CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/12/17<br>13:59 |

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| S70 | 138 | (348/208.11,208.12).CCLS.          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/17<br>13:59 |
| S71 | 668 | (348/345).CCLS.                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/17<br>13:59 |
| S72 | 882 | (S69 OR S70 OR S71) and<br>focus   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/17<br>13:59 |
| S73 | 19  | 348/362-364                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/17<br>14:02 |
| S74 | 96  | ((HIROTO) near2<br>(OKAWARA)).INV. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/17<br>14:03 |
| S75 | 98  | ((HIROTO) near2<br>(OKAWARA)).INV. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/10<br>12:37 |
| S76 | 218 | (348/347).CCLS.                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/10<br>12:40 |
| S77 | 149 | (348/208.11,208.12).CCLS.          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/10<br>12:40 |
| S78 | 711 | (348/345).CCLS.                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/10<br>12:40 |



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| S79 | 937  | ((S76 OR S77 OR S78) and focus               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/10<br>12:40 |
| S80 | 19   | 348/362-364                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/04/10<br>12:50 |
| S81 | 1422 | exposure NEAP2 time WITH focus               | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/04/11<br>10:37 |
| S82 | 0    | exposure NEAP2 time WITH focus NEAP2 ammount | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/04/11<br>10:37 |
| S83 | 49   | exposure NEAP2 time WITH focus NEAP2 amount  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/04/11<br>10:38 |
| S84 | 103  | ((HIROTO) near2 (OKAWARA)).INV.              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/10/17<br>12:04 |
| S85 | 235  | (348/347).OCLS.                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/17<br>12:38 |
| S86 | 163  | (348/208.11,208.12).OCLS.                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/17<br>12:38 |
| S87 | 773  | (348/345).OCLS.                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/17<br>12:38 |
| S88 | 21   | 348/362-364                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/10/17<br>12:38 |
| S89 | 1024 | (S85 OR S86 OR S87 OR S88) and focus         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/10/17<br>12:38 |

10/17/2008 12:40:05 PM

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